

Shri Vishal Rakhecha,  
22/5/1, 72<sup>nd</sup> Cross,  
Rajajinagar,  
Bangalore-560010.

Sir,

Sub: Information sought under RTI – Reg.

Kindly refer to your RTI request received at CSIR HQ, New Delhi, which was forwarded to CSIR-SERC, seeking following information under RTI Act 2005. The information in respect of CSIR-SERC is furnished below:

Sl.No.	Information sought	Reply
1.	Please provide me with the details regarding the expenditure by all the 44 CSIR labs with regard to purchase / subscription of e-journals, digital databases, print journals and books for the years from 2013 – 2018. Please provide an item-wise and title-wise list.	For the years 2013-2018, with regard to the total expenditure towards journals, e-journals, print journals and digital database, the information is given in Annexure I. Title-wise list of books (in detail), e-books, standards, CDROMS, Hindi books, etc., purchased with the price details is given in Annexure II. (Financial year 2012-2013 to 2017-2018). Further details on e-books, standards, CD-ROMS, Hindi books could not be provided as a lot of diversification of the limited available work force will take place.
2.	Please provide me with a list of consortiums that all the 44 CSIR Labs are a part of, for the purpose of accessing electronic knowledge databases.	With regard to consortium, CSIR-SERC is part of only one consortium, that is the <b>National Knowledge Resource Consortium</b> under CSIR-National Institute of Science Communication and Information Resources (CSIR-NISCAIR), New Delhi.

Yours faithfully,

  
Public Information Officer (Alternate)  
CSIR-SERC

दूरभाष/Phone

केएमडी/KMD : 2254 9124, 2254 9145  
प्रशासन/Administration : 22541170, 22549100  
वित्त/Accounts : 22541701, 22549105  
क्रय/Purchase : 22541238, 22549108

फैक्स/Fax

: 91-44-22541508  
: 91-44-22541469  
: 91-44-22541701  
: 91-44-22542211

ई-मेल/E-mail

infa@serc.res.in, cjeyabal@serc.res.in  
coa@serc.res.in, admoff@serc.res.in  
finoff@serc.res.in  
puoff@serc.res.in

**CSIR-Structural Engineering Research Centre**  
Knowledge Resource Division

KRD/STS0008/2018

Dated: 27 November 2018

**Sub: Information sought under RTI – regarding**  
**Ref : No.CSIRH/R/2018/80125 dt 12.11.2018**

With reference to the above, please find enclosed information with respect to CSIR-SERC.

**Query No. 1**, for the years 2013-2018, with regard to the total expenditure towards journals, e-journals, print journals and digital database, the information is given in Annexure I. Title-wise list of books (in detail), e-books, standards, CDROMS, Hindi books, etc., purchased with the price details is given in Annexure II. (Financial year 2012-2013 to 2017-2018). Further details on e-books, standards, CD-ROMS, Hindi books could not be provided as a lot of diversification of the limited available work force will take place.

**Query No.2**, with regard to consortium, CSIR-SERC is part of only one consortium, that is the **National Knowledge Resource Consortium** under CSIR-National Institute of Science Communication and Information Resources (CSIR-NISCAIR), New Delhi.

  
27/11/18.  
Head, KRD

Administrative Officer

Public Information Officer (Alternate)

Annexure I  
Journal Subscription Details

Expenditure details during 2013-2018										
Journals										
S. No.	Journal Title	Publisher	Mode of Subscription	Subscription Amount (INR)						Remarks
				2013	2014	2015	2016	2017	2018	
1	Advanced Engineering Informatics	Elsevier	Print	82796.8	NS	NS	NS	NS	NS	
2	Advances in Computational Design	Techno Press	Online	NS	NS	NS	NS	NS	24586.48	
3	Advances in Engineering Software	Elsevier	Print	170054.4	NS	NS	NS	NS	NS	
4	Applied Mechanics Review	ASME	Print + Online	NS	NS	NS	NS	61523	50394 (Online only)	
5	Bioinspired, Biomimetic and Nanobiomaterials	ICE	Online	NS	NS	53055.95	NS	NS	NS	
6	Building and Environment	Elsevier	Print	156128	NS	206625.9	NS	NS	NS	
7	Canadian Journal of Civil Engineering	NRC Press	Print + Online	78608	NS	97595.4	108165.2	95289	92780	
8	Cement and Concrete Research	Elsevier	Print	26309	35542	32420	36860	39077	416158.72 (Online only)	
9	Cement and Concrete Composites	Elsevier	Print	104176	125733.1	137220.6	161637.2	175501.8	220154.48 (Online only)	
10	Civil Engineering - ASCE	ASCE	Print	15461.25	NS	18650.75	NS	NS	NS	
11	Colloids and Surfaces B: Biointerfaces	Elsevier	Print	NS	NS	220445.8	NS	NS	NS	
12	Collnet Journal of Scientometrics and Information Management	Taylor & Francis	Print	2000	NS	NS	NS	NS	NS	
13	Composites Part B: Engineering	Elsevier	Print	142963.2	172586.8	189259.3	224004.8	240914.8	305021.51 (Online only)	
14	Computational Materials Science	Elsevier	Print	120985.6	NS	NS	NS	NS	NS	

*Prasanna*



Annexure 1  
Journal Subscription Details

15	Computational Mechanics	Springer	Print + Enhanced online access	NS	NS	NS	NS	443858.7	431297.90 (Online only)	
16	Computer Aided Civil and Infrastructure Engineering	Wiley	Enhanced Online access	109235.2	NKRC	NKRC	NKRC	NKRC	NS	
17	Computer Methods in Applied Mechanics and Engineering	Elsevier	Print	522892.8	NS	NS	NS	595208	409949.79 (Online only)	
18	Computers & Concrete	Techno Press	Print + Online	22803.84	27771.89	29902.35	34778.25	38578.4	39338.37	
19	Computers & Structures	Elsevier	Print	436124.8	NS	NS	NS	NS	NS	
20	Computers, Materials & Continua	Tech Science Press	Print + Online	167832	NS	NS	NS	NS	NS	
21	Construction and Building Materials	Elsevier	Print	87475.2	115341.5	131105.6	157182.4	172234.4	220911.16 (Online only)	
22	Construction World	ASAPP Info Global Services Pvt Ltd.	Print	1530	NS	NS	NS	NS	NS	Subscription period: Oct 2012 - Sep 2013
23	Down to Earth	CSE, Delhi	Print	650	650	860	860	860	860	Subscription period: Aug - Aug (i.e. Aug 2012 - Aug 2013, etc.)
24	Earthquake Engineering and Engineering Vibration	Springer	Print + Enhanced online access	81595.84	NS	NS	NS	NS	NS	
25	Earthquake Engineering and Structural Dynamics	Wiley	Enhanced Online access	347670.4	NS	NS	NS	NS	NS	
26	Earthquake Engineering Practice	NICEE, IIT Kanpur	Print	2000	2000	3000	4000	5000	5000	
27	Earthquake Spectra	EERI	Print + Online	NS	20661.8	23118.75	32625	41334	45104.2 (Online only)	
28	Earthquakes and Structures	Techno Press	Print + Online	NS	NS	NS	NS	36593.11	40414.03 (Online only)	
29	Electronics For You	EFY Group	Print (with CD)	594	NS	NS	NS	NS	NS	

Annexure 1  
Journal Subscription Details

30	Engineering Failure Analysis	Elsevier	Print	60928	NS	NS	NS	NS	NS	
31	Engineering Structures	Elsevier	Print	181532.8	NS	240319.5	284444.2	308795.1	388903.63 (Online only)	
32	Experimental Mechanics	Springer	Print + Enhanced online access	89346.52	109031.3	110052.2	108551.2	108710.1	115088.70 (Online only)	
33	Experimental Techniques	Springer	Print + Enhanced Online access	18550.4 (Enhanced online access)	NS	NS	NS	34820.96	35609.14 (Online only)	
34	Fatigue and Fracture of Engineering Materials & Structures	Wiley	Enhanced Online access	260956.8	NS	NS	NS	NS	NS	
35	Finite Elements in Analysis and Design	Elsevier	Print	127731.2	NS	NS	NS	NS	NS	
36	Fuzzy Sets and Systems	Elsevier	Print	296425.6	NS	NS	NS	NS	NS	
37	Industrial Economist		Print	200	NS	NS	NS	NS	NS	
38	Information Studies	Ranganathan Centre for Information Studies	Print	600	NS	NS	NS	NS	NS	
39	International Journal for Numerical Methods in Engineering	Wiley	Enhanced Online access	766604.8	NS	NS	NS	NS	NS	
40	International Journal of 3Rs	Dr. Fikrit Institute of Structural Protection and Rehabilitation	Print	1200	1800	NS	NS	NS	NS	
41	International Journal of Advanced Steel Construction	Hong Kong Institute of Steel Construction	Print	15114.4	NS	15490	NS	NS	NS	
42	International Journal of COMADEM	COMADEM International	Print	18464.6	NS	24792.5	NS	NS	NS	

@ 12/10/2019

Annexure 1  
Journal Subscription Details

43	International Journal of Damage Mechanics	Sage	Print + Online	NS	NS	99201	113006.3	104085.8	110285.7 (Online only)
44	International Journal of Fatigue	Elsevier	Print	126153.6	152289.6	167000.7	196743.9	213576	269665.8 (Online only)
45	International Journal of Impact Engineering	Elsevier	Print	243984	NS	312660	NS	NS	NS
46	International Journal of Structural Stability and Dynamics	World Scientific	Print + Online	36684.48	NS	57358.7	NS	77203.65	93010.38 (Online only)
47	International Journal of Sustainable Engineering	Taylor & Francis	Online	36709.92	NS	NS	NS	NS	NS
48	Journal of Aerospace Sciences and Technologies	The Aeronautical Society of India	Print	1200	NS	NS	NS	NS	NS
49	Journal of Bridge Engineering - ASCE	ASCE	Print + Online	58969.75	46489.05 (Online only)	86160.35	76081.5 (Print only)	83425.79 (Print only)	80779.84 (Print only)
50	Journal of Composites for Construction - ASCE	ASCE	Print + Online	48879.25	NS	71728.95	NS	NS	NS
51	Journal of Computing in Civil Engineering - ASCE	ASCE	Print + Online	41338.5	NS	60599.65	NS	NS	NS
52	Journal of Construction Engineering and Management - ASCE	ASCE	Print + Online	76926.5	NS	NS	NS	NS	NS
53	Journal of Constructional Steel Research	Elsevier	Print	186809.6	224423.6	242704.4	276066.5	296926	373989.81 (Online only)
54	Journal of Earthquake Engineering	Taylor & Francis	Online	46939.68	NS	NS	NS	NS	NS
55	Journal of Engineering Mechanics	ASCE	Print + Online	95317.25	76752.51 (Online only)	139850.1	123126.8 (Print only)	134955.51 (Print only)	130853.2 (Print only)
56	Journal of Geotechnical and Geoenvironmental Engineering	ASCE	Print + Online	90868.75	NS	NS	NS	NS	NS

*Cymen-9*

Annexure 1  
Journal Subscription Details

57	Journal of Infrastructure Systems	ASCE	Print + Online	NS	NS	54729.25	NS	NS	NS	259029 (Online only)
58	Journal of Intelligent Material Systems and Structures	Sage	Print + Online	NS	NS	228082.9	236750.4	227536.4		
59	Journal of Materials in Civil Engineering	ASCE	Print + Online	70742	56212.25 (Online only)	103465.8	91219.5 (Print only)	100028.28 (Print only)	96897.59 (Print only)	
60	Journal of Mechanics of Materials and Structures	Mathematical Sciences Publishers	Print + Online	NS	NS	NS	NS	60558.97	46917 (Online only)	
61	Journal of Nanoparticle Research	Springer	Print + Enhanced online access	NS	NS	160615.6	NS	NS	NS	
62	Journal of Nanomechanics and Micromechanics	ASCE	Print	NS	18474.08 (Online only)	34060.55 (Print + Online)	30080.25 (Print)	32929.42	NS	
63	Journal of Sandwich Structures and Materials	Sage	Print + Online	NS	NS	NS	94122.72	84548.1	96143.92 (Online only)	
64	Journal of Strain Analysis for Engineering Design	Sage	Print + Online	NS	NS	154235.1	NS	NS	NS	
65	Journal of Structural Engineering	ASCE	Print + Online	108337.25	87569.57 (Online only)	159112.3	139961.3 (Print only)	153486.92 (Print only)	148817.8 (Print only)	
66	Journal of the Institution of Engineers (India) Series A	Springer	Print + Online	NS	NS	NS	NS	5875	30766.29 (Online only)	
67	Journal of Vibration Engineering and Technologies	Krishtel eMaging Solutions Pvt. Ltd.	Print	3000	3000	3000	4000	4000	5000	
68	Journal of Wind and Engineering	ISWE	Print	3000	3000	NS	NS	NS	NS	
69	Journal of Wind Engineering and Industrial Aerodynamics	Elsevier	Print	218688	261493.3	281473.5	326997.8	350070	432738.31 (Online only)	
70	Library Hitech Journal	Emerald	Print + Online	30830.92	NS	41552.23	NS	NS	NS	

Ref: 100-0



Annexure 1  
Journal Subscription Details

71	Magazine of Concrete Research	ICE	Print + Online	82395.95	NS	103136.8	NS	NS	NS	
72	Masonry International	International Masonry Society	Print + Online	NS	NS	NS	NS	6928	7627.35	
73	Materials and Structures	Springer	Print + Enhanced online access	67607.43	83035.48	83355.48	111302	109022.4	116323.20 (Online only)	
74	Meccanica	Springer	Print + Enhanced online access	112829.12	NS	149216.6	NS	NS	NS	
75	Mechanics of Materials	Elsevier	Print	144214.4	NS	NS	NS	NS	NS	
76	Mechanical Systems and Signal Processing	Elsevier	Print	92316.8	NS	123339.6	184189.5	159231.8	201606.59 (Online only)	
77	MIT Technology Review	Massachusetts Institute of Technology	Print	NS	NS	NS	NS	2601.24	NS	
78	Nanotech Insights	CKMNT	Print + Online	5000	5000	5000	5000	NS	NS	
79	Nanotrends	STM Journals	Print	3000	3750	3750	3750	3750	3950	
80	National Geographic Magazine	National Geographic Society	Print	NS	2875	2875	2875	2875	2999	
81	NDT&E International	Elsevier	Print	NS	NS	NS	NS	140922	139904.89 (Online only)	
82	PCI Journal	PCI	Print	8176	9419.35	10390.4	11092.5	11711.3	10830.11	
83	PC Quest	Cyber Media Group	Print	1485	1500	1800	1800	1500	1620	
84	Practice Periodical on Structural Design and Construction - ASCE	ASCE	Print + Online	25768.75	NS	37668.4	NS	NS	NS	
85	Probabilistic Engineering Mechanics	Elsevier	Print	74038.4	88967.28	96250.1	112900	121424.3	150126.21 (Online only)	
86	Proceedings of the ICE: Construction Materials	ICE	Print + Online	NS	NS	49783.34	NS	NS	NS	



Annexure 1  
Journal Subscription Details

87	Proceedings of the ICE: Structures and Buildings	ICE	Print + Online	NS	NS	89253	NS	NS	NS	
88	Sarita	Delhi Press	Print	400	449	699	700	NS	NS	
89	Science Reporter	CSIR-NISCAIR	Print	200	300	300	300	NS	NS	
90	Scientific American (International edition)	Springer Nature	Print	NS	NS	24226.36	NS	NS	NS	
91	Structural Control & Health Monitoring	Wiley	Enhanced Online access	38025.6	NS	NS	NS	NS	NS	
92	Structural Durability & Health Monitoring	Tech Science Press	Print + Online	55944	NS	NS	NS	NS	NS	
93	Smart Materials and Structures	IOP	Print + Online	92058.6	112962.7	115037.2	120941.8	109560.8	131871 (Online only)	
94	Smart Structures and Systems	Techno Press	Print + Online	31914.72	38892.8	41887.75	47371.5	52494.18	55703.74 (Online only)	
95	Soil Dynamics and Earthquake Engineering	Elsevier	Print	180009.6	215247.3	232798.1	270481.3	290924.8	363012.57 (Online only)	
96	SRESA Journal of Life Cycle Reliability and Safety Engineering	Society for Reliability and Safety	Print	NS	NS	15000	NS	NS	NS	
97	SRELS Journal of Information Management	Informatics Publishing Limited	Print	NS	NS	NS	NS	NS	3000	
98	Steel and Composite Structures	Techno Press	Print + Online	24935.04	30385	32715.25	38040.75	45742.96	71684.96 (Online only)	
99	Structural Engineering and Mechanics	Techno Press	Print + Online	57595.68	70250.12	75642.55	87108.75	96514.89	106259.7 (Online only)	
100	Structural Health Monitoring	Sage	Print + Online	NS	69666	74552.01	79255.05	72963.8	83019.51 (Online only)	
101	Structural Safety	Elsevier	Print	74528	NS	97717.7	NS	NS	NS	

*Dywan @*

Annexure 1  
Journal Subscription Details

										Subscription Period: July - June (i.e. July 2013 - June 2014, etc.)
102	The Masterbuilder	MB Publishers Pvt. Ltd.	Print	1200	1200	1200	1200	1560	1560	
103	Thin-Walled Structures	Elsevier	Print	164233.6	NS	NS	NS	NS	NS	
104	Trans ASME: Journal of Applied Mechanics	ASME	Print + Online	NS	NS	57724.52	67925.25	83288.01	66074 (Online only)	
105	Trans ASME: Journal of Pressure Vessel Technology	ASME	Print + Online	NS	NS	43447.24	51351.75	63378.8	50394 (Online only)	
106	Trans ASME: Journal of Vibration and Acoustics	ASME	Print + Online	NS	NS	44001.1	NS	NS	NS	
107	Wind and Structures	Techno Press	Print + Online	35644.32	43450.55	46779.75	52852.5	58556.5	62695.52 (Online only)	

NS - Not Subscribed

For the years 2013-2016, the actual cost of the journal is given. From that, 1% discount was given by the subscription agent. The cost shown is without discount.

For 2017, 1% discount was given by the subscription agent. Apart from that an additional amount of 15% as service tax was paid on online component of the journal. The cost shown is actual journal cost minus 1% discount + 15% service tax.

For 2018, all online only subscriptions were done directly through the publisher and no discount was given by the publisher. 18% GST was also paid for all online only subscriptions. The rate shown for online only journals is the journal cost+18% GST. Only the print journals were subscribed through the agent and 1% discount was given. The rate shown is the journal cost minus 1% discount.

*Aymoa @*

Annexure I  
NKRC , Science Direct and Database Details

Expenditure details during 2013-2018									
National Knowledge Reserouce Consortium (Online only subscription)									
S. No.	Publisher	Type of Resource	Subscription Amount (INR)						Remarks
			2013	2014	2015	2016	2017	2018	
1	ASTM	Journals and Standards	128800	151800	151800	151800	158700	187266	
2	IOP & Sage	Journals	185981	-	-	-	-	-	
3	IOP	Journals	-	52540	-	200933	-	-	
4	Nature Materials	Journals	-	35542	37039	38509	34841	41857	
5	Web of Science	Database	-	708154	-	493481	493971	600326	
6	ASCE	Journals	-	-	-	129600	129780	150953	
7	ICE	Journals	-	-	-	128750	112500	144329	
Science Direct - Elsevier (Online only subscription)									
1	Science Direct - Elsevier	Online	522149.15 (24 journals)	382550.6 (9 journals)	695526.05 (15 journals)	525415.95 (10 Journals)	591700.98 (11 journals)	Details given in Journals sheet	
The journals subscribed in print for the corresponding year was also subscribed online. The amount paid is the content fee for the online access.									

*Cymon*



APRIL 2013 - MARCH 2014		AUTHOR	ACCESSION NUMBER	PRICE IN RUPEES
1	India solar compass. January to December 2012. Four issues : Reports	Bridge to India Pvt. Ltd, New Delhi	14194	29214.00
2	Molecular modelling : Principles and applications	Leach, A.R.	14197	616.00
3	Prestressed concrete design to Eurocodes	Bhatt, P.	14198	6750.00
4	Vernacular architecture of Andhra Pradesh : Districts of East Godavari, Hyderabad, Mahabub Nagar, Pochampally	Dakshina Chitra, Chennai	14201	250.00
5	Strength of materials. Vol.1	Prakash Rao, D.S.	14203	867.00
6	Design of steel structures	Duggal, S.K.	14204	
7	Handbook of geosynthetic engineering : Geosynthetics and their applications	Shukla, S.K.	14228	7244.00
8	Resistance of concrete to chloride ingress : Testing and modelling	Basheer, P.A.M.   Luping, T.   Nilsson, L.-O.	14233	7347.00
9	Impact engineering of composite structures	Abrate, S.	14234	12227.00
10	Design of cold-formed steel structures	Dubina, D.   Landolfo, R.   Ungureanu, V.	14235	19021.00
11	Structural damping : Applications in seismic response modification	Dargush, G.F.   Lee, G.C.   Liang, Z.	14236	
12	Performance-based fire engineering of structures	Burgess, I   Wald, F.   Wang, Y.	14237	
13	Advanced photovoltaic installations	Balfour, J.   Nash, N.B.   Shaw, M.	14238	
14	Advanced photovoltaic system design	Balfour, J.   Nash, N.B.   Shaw, M.	14239	18855.00
15	Introduction to photovoltaics	Balfour, J.   Jarosek, S.   Shaw, M.	14240	
16	Introduction to photovoltaics Installations	Balfour, J.   Shaw, M.	14241	
17	Introduction to photovoltaic system design	Balfour, J.   Nash, N.B.   Shaw, M.	14242	
18	Essentials of distributed generation systems	Massey, G.W.	14243	
19	Wind energy	Rivkin, D.A.   Silk, L.	14244	4246.00
20	Reinforced soil engineering : Advances in research and practice	Leshchinsky, D.   Ling, H.I.   Tatsuoka, F.	14245	
21	Quality lighting for high performance buildings	Stiller, M.	14246	9149.00
22	Plasticity for engineers : Theory and applications	Calladine, C.R.	14247	
23	Structural health monitoring : A machine learning perspective	Farrar, C.R.   Worden, K.	14248	7419.00
24	Perspectives in urban development : Issues in infrastructure, planning and governance	Chandiramani, J.   Jha, R.	14249	676.00
25	Water transport in brick, stone and concrete	Hall, C.   Hoff, W.D.	14256	30817.00
26	Analytical estimates of structural behavior	Dym, C.L.   Williams, H.E.	14257	
27	Structural health monitoring of long-span suspension bridges	Xia, Y.   Xu, Y.-L.;	14258	
28	Seismic design aids for nonlinear pushover analysis of reinforced concrete and steel bridges	Cheng, F.Y.   Ger, J.	14259	
29	Eco-efficient concrete	Jalali, S.   Labrincha, J.   Pacheco-Torgal, F.	14260	27850.00
30	Nanotechnology in eco-efficient construction	Diamanti, M.V.   Nazari, A.   Pacheco-Torgal, F.	14261	
31	Bridge design and evaluation : LRFD and LRFR	Fu, G.	14262	6576.00
32	Sustainable energy : choosing among options	Tester, J.W.	14263	
33	Solar photovoltaic technology and systems : a manual for technicians, trainers and engineers	Solanki, C.S.	14264	
34	Photovoltaic systems : analysis and design	Mukerjee, A.K.   Thakur, N.	14265	



List of books, standards, other resources

35	Renewable energy sources : their impact on global warming and pollution	Abbasi, S.A.   Abbasi, T.	14266	
36	Wind power plants and project development	Earnest, J.   Wizelius, T.	14267	
37	Wind energy : theory and practice	Ahmed, S.	14268	
38	Wind power generation and distribution	Randall, M.   Rivkin, D.A.   Silk, L.	14269	
39	Wind turbine control systems	Anderson, L.D.   Rivkin, D.A.   Silk, L.	14270	
40	Wind turbine operation, maintenance, diagnosis and repair	Rivkin, D.A.; Silk, L.	14271	
41	Wind turbine systems	Liddell, A.   Rivkin, D.A.   Silk, L.	14272	
42	Wind turbine technology and design	Rivkin, D.A.   Silk, L.   Toomey, K.	14273	12895.00
43	Structure determination by X-ray crystallography : analysis by X-rays and neutrons	Ladd, M.   Palmer, R.	14274	5686.00
44	Review guide for the NABCEP entry - level exam	Balfour, J.   Nash, N.B.   Shaw, M.	14275	2579.00
45	Conservation of historic buildings	Feilden, B.M.	14281	
46	Prestressed concrete bridges : Design and construction	Hewson, N.	14282	
47	Ice manual of structural design : Buildings	Bull, J.W.	14283	
48	Buildings services design for energy efficient buildings	Tymkow, P.	14284	
49	Reliability of structures	Collins, K.R.   Nowak, A.S.	14285	31554.00
50	Research, Development, and Practice in structural engineering and construction First Australasia and South Asia conference 28 Nov-2 Dec, 2012 Western Austr	Singh, A.   Vimonsatit, V.   Yazdani, S.	14286	
51	History of science and technology in Tamil Nadu through the ages	Swaminathan, S.	14287	
52	Design of composite steel and concrete structures with worked examples to Eurocode 4	Cai, Y.Q.   Chiew, S.P.	14288	12924.00
53	The science of clays : Applications in industry, engineering and environment	Mukherjee, S.	14289	1101.00
54	Micromechanics : overall properties of heterogeneous materials	Hori, M.   Nemat-Nasser, S.	14290	5238.00
55	Building integrated photovoltaic thermal systems : for sustainable developments	Agrawal, B.   Tiwari, G.N.	14291	
56	Compound energy systems : optimal operation methods	Hepbasli, A.   Obara, S.	14292	
57	The off-grid energy handbook	Bridgewater, A.   Bridgewater, G.	14293	23047.00
58	Introduction to structural analysis : displacement and force methods	Mau, S.T.	14299	
59	Structural vibration : exact solution for strings, membranes, beams, and plates	Wang, C.M.   Wang, C.Y.	14300	15347.00
60	Concrete mix design, quality control and specification	Aldred, J.   Day, K.W.   Hudson, B.	14306	
61	Handbook of recycled concrete and demolition waste	Pacheco-Torgal, F.	14307	26398.00
62	Concrete and sustainability	Jahren, P.   Sui, T.	14308	
63	Structural identification of constructed systems : approaches, methods, and technologies for effective practice of St-Id	Aktan, A.E.   Catbas, F.N.   Kijewski-Correa, T.	14309	12135.00
64	The sustainable use of concrete	Noguchi, T.   Sakai, K.	14310	8398.00
65	Concrete fracture : a multiscale approach	Van Mier, J.G.M.	14311	7201.00



	di books		H490-H534	9435.00
	<b>APRIL 2014 - MARCH 2015</b>			
1	Strength of materials	Jain, A.   Pandey, R.   Shukla, K.K.	14332	
2	Non conventional and renewable energy sources	thipse, s.s.	14333	
3	Noise control in buildings	Singh, M.	14334	871.00
4	The right to information act, 2005	Gupta, U.N.	14351	761.00
5	Deterioration and maintenance of pavements	Pearson, D.	14352	5679.00
6	Power for the World : The emergence of electricity from the sun	Palz, W.	14375	4255.00
7	Advanced composites in bridge construction and repair.	Kim, Y.J.	14380	
8	Foundation engineering in the face of uncertainty : honoring, Fred H.Kulhawy	Hussein, M.H.   Phoon, K.-K.   Withiam, J.L.	14381	18338.00
9	Fundamentals of evaluation and diagnostics of welded structures	Nedoseka, A.	14382	17039.00
10	Seismic vulnerability of structures	Gueguen, P.	14383	
11	Reinforced concrete design to eurocodes : design theory	Bhatt, P.   MacGinley, T.J.   Choo, B.S.	14384	
12	Source mechanism of earthquakes : theory and practice	Udias, A. .   Madariaga, R.   Buforn, E.	14385	
13	Earthquakes : models, statistics, testable forecast	Kagan, Y.Y.	14386	
14	Design of steel - concrete composite bridges to Eurocodes	Vayas, I.   Iliopoulos, A.	14387	
15	Advanced geotechnical engineering : Soil-structure interaction using computer and material models	Desai, C.S   Zaman, M.	14388	
16	Earthquake hazard, risk and disasters	Wyss, M.	14389	
17	Improving the earthquake resilience of buildings : the worst case approach	Takewaki, I.   Moustafa, I.   Fujita, K.	14390	55511.00
18	Fire safety engineering design of structures	Purkiss, J.A.   Li, L.-Y.	14391	8296.00
19	Handbook of damage mechanics Vol.1\	Voyiadjis, G.	14393	
20	Handbook of damage mechanics Vol.2 \	Voyiadjis, G.	14394	35465.00
21	Internal corrosion of pipelines	Bhardwaj, A.   Raj, B.	14395	
22	Concrete pipes and pipelines	Joshi, N.G.	14396	931.00
23	Self-Sensing concrete in smart structures	Han, B.   Ou, J.P.   Yu, X.	14397	
24	Structural engineering of transmission lines	Catchpole, P.   Fife, B.	14398	14278.00
25	Earthquake-resistant structures : Design, assessment and rehabilitation.	Moustafa, A.	14399	925.00
26	Wind effects on cable - supported bridges	Xu, Y.-L.	14401	9645.00
27	Reinforced concrete FRP bars : mechanics and design	Nanni, A.   De Luca, A.   Zadeh, H.J.	14402	6457.00
28	Pride of nation : Sardar Patel	Saran, R.	14403	
29	Kamaraj : the life and times of K.Kamaraj	Jeyaraman, B.	14404	
30	Gifted : inspiring stories of people with disabilities	Ferose, V.R.   Menon, S.	14405	
31	The black swan : the impact of the highly improbable	Taleb, N.N.	14406	
32	Southern India : a guide to monuments, sites & monuments Maharashtra, Goa, Karnataka, Andhra Pradesh, Tamil Nadu, Kerala	Michell, G.	14407	
33	Sri Aurobindo : for all ages : a biography	Nirodbaran	14408	
34	The hidden orade of india : the mystery of india's naadi palm leaf readers	Donovan, A.	14409	
35	Men are from mars, women are from venus : the definitive guideto relationships	Gray, J.	14410	
36	Himachal : state guide (includes roadmap)	Mehta, V. Ed.	14411	



## List of books, standards, other resources

37	Bhutan for the Indian traveller	Lonely Planet	14412	
38	The healing power of mudras : the yoga of the hands	Menen, R.	14413	
39	Low calorie Indian	Gill, M.S.	14414	
40	India after Gndhi : the history of the world's largest democracy	Guha, R.	14415	
41	99 unforgettable fiction, non-fiction, poetry & humour	Khuswanth Singh	14416	
42	Enthusiasm makes the difference	Peale, N.V.	14417	
43	Target 3 billion. PURA : innovative solutions towards sustainable development	Kalam, A.P.J.A.   Singh, S.P.	14418	
44	48 creative meditations that will enrich your life	Gawler, I.	14419	
45	Dosai	Padmanabhan, C.	14420	
46	Imagining India : ideas for the new century	Nilekani, N.	14421	
47	Advanced English-English-Hindi dictionary	Breslin, G.	14422	
48	Sukham ayu : cooking at home with ayurvedic insights	Giri, J.   Jain, P.	14423	
49	Complete guide to digital photography	Farrell, I.	14424	
50	The design and development of Indian architecture	Batley, C.	14425	
51	Turning points : a journey through challenges : the inspiring sequel to the wings of fire	Kalam, A.P.J.A.	14426	
52	Yoga, wisdom and practice	Iyengar, B.K.S.	14427	
53	House of Goa	da Cunha, G.	14428	
54	The Indian tradition of design based on Vaasthu Shastra	Ananth, S.	14429	
55	How to help an elephant make an U-turn : a new approach to leadership and transformational change	Jayaram, G.K.	14430	
56	Home plans : 70 home plans for engineers, builders and contractors	Raghuram, Ar.V.	14431	
57	How the banana goes to heaven and the other secrets of health from the Indian kitchen	Rajaiah, R.	14432	
58	Home doctor : natural healing with herbs, condiments and spices	Phadke, P.S.	14433	
59	Power of vastu and fenghsui : with case studies	Sharma, G.	14434	
60	Vasthu home plans : 54 plans with simple 3D elevations	Nagaraj, J.	14435	
61	Vaastu simplified	Maggiwar, Y.N.	14436	13216.00
62	Dock and harbour engineering	Oza, G.H.   Oza, H.P.	14437	
63	A textbook of fibre science and technology	Mishra, S.P.	14438	
64	Design and construction of concrete shell roofs.	Ramaswamy, G.S.	14439	
65	Handbook on advanced concrete technology	Jain, A.K.   Nayak, N.V.	14440	
66	Design of bridges.	Raju, N.K.	14441	
67	Airport engineering.	Rangwala, S.C.	14442	
68	Roads, railways, bridges, tunnels & harbour dock engineering	Gupta, A.   Gupta, B.L.	14443	2333.00
69	The rough guide to Goa	Abram, D.	14444	297.00
70	Contracts and the legal environment for engineers & architects	Bockrath, J.T.   Plotnick, F.L.	14445	
71	Construction contracts	Hinze, J.	14446	1045.00
72	Extended finite element method : theory and applications	Khoei, A.R.	14448	7019.00
73	Microstructural design of advanced engineering materials	Molodov, D.A.	14449	
74	Advanced protective structures research. IAPS special publication 1. Proceedings TIANJIN, China, 13-14 Sep, 2012	Hao, H.A.   Li, Z.-X.	14450	

Agmoon-9



List of books, standards, other resources

	age to concrete structures	De Schutter, G.	14451	20402.00
	Stanford University CD (Proceedings.SHM)		CD 659-660	10317.00
	Standards (British Standards)		S3507	23104.00
78	BIS softcopy download of CED section			439760.00
79	Hindi books		H540-594	8267.00
90	EBSCO E-books		13 numbers	138779.00
91	CD ROM (ACC Ltd., Indian concrete journal)		CD 699	600.00
<b>APRIL 2015 - MARCH 2016</b>				
1	Handbook of seismic risk analysis and management of civil infrastructure systems	Goda, K.   Tesfamariam, S.	14453	18550.00
2	Earthquake design practice for buildings	Booth, E.	14454	11317.00
3	Solar energy in buildings : thermal balance for efficient heading and cooling	Chwieduk, D.	14455	
4	Energy geostructures : innovation in underground engineering	Di Donna, A.   Laloui, L.;	14468	
5	Multi-storey precast concrete framed structures	Elliott, K.S.   Jolly, C.K.	14469	7402.00
6	Examples in structural analysis	McKenzie, W.M.C.	14470	24531.00
7	Finite element analysis and design of steel and steel-concrete composite bridges	Ellobody, E.	14471	
8	Mathematical techniques for wave interaction with flexible structures	Sahoo, T.	14472	
9	Temporary structure design	Souder, C.	14473	
10	Seismic evaluation and rehabilitation of structures	Fardis, M.N.   Ilki, A.	14474	18497.00
11	Structural nanocomposites : perspectives for future applications	Njuguna, J.	14475	
12	Structural rehabilitation of old buildings (Building Pathology and Rehabilitation)	Costa, A.   Guedes, J.M.   Varum, H.	14476	
13	Risk and reliability in geotechnical engineering	Ching, J.   Phoon, K.-K.	14477	19861.00
14	Wind loading of structures	Holmes, J.D.	14478	
15	Mechanics of functional materials and structures. ACMFMS 2012. 3rd Asian conference, New Delhi	Kapurja, S.   Pradyumna, S.	14479	1063.00
16	Nanotechnology : nanomaterials and nanodevices	Kumar, G.M.	14482	251.00
17	Seismic activity : Indian scenario	Rao, B.R.	14483	2200.00
18	Guidelines on recycling, use and management of C & D wastes. ICI-TC/05	Indian Concrete Institute (ICI), Chennai	14486	1000.00
19	Standards (ISO standard)		S3509	9674.00
20	E-Books			150000.00
<b>APRIL 2016 - MARCH 2017</b>				
1	Piping and pipeline calculations manual :	Ellenberger, J. Phillip,	14500	13020.00
2	Structural engineering of transmission lines /	Catchpole, P.   Fife, B.	14501	
3	Current trends in short- and long- period fiber gratings	Cuadrado-Laborder, Christian	14502	6013.00
4	Global Heritage Stone : towards international recognition of building and ornamental stones /	Pereira, D   Marker, Brian.   Kramar, S.   Cooper, B.J.   Schouenborg, B.E.	14503	7530.00
5	A practical guide to microstructural analysis of cementitious materials /	Scrivener, Karen   Snellings, Ruben   Lothenbach, Barbara	14504	7691.00
6	Reinforced concrete design	Sinha, S.N.	14505	638.00
7	Handbook on precast concrete buildings	Indian Concrete Institute (ICI), Chennai	14506	2100.00
8	Highway bridge superstructure engineering : LRFD approaches to design and analysis /	Taly, Narendra.	14513	8076.00
9	Civil Engineering Applications of Ground Penetrating Radar	Benedetto, Andrea.	14514	8350.00



10	Encyclopedia of seismic waves	Nolan, Agnes	14515	
11	Critical urban infrastructure handbook	Hamada, Masanori   Koike, T.   Japan Society of Civil Engineers	14516	
12	Wavelet analysis in civil engineering	Chatterjee, Pranesh.	14517	
13	Random vibration : mechanical, structural, and earthquake engineering applications /	Liang, Zach.   Lee, George C.	14518	
14	Earthquake engineering	Nolan, Agnes	14519	
15	Advanced computational vibroacoustics :	Ohayon, Roger   Soize, Christian	14520	
16	Strengthening of concrete structures with adhesive bonded reinforcement :	Zilch, Konrad,   Niedermeier, Zilch   Finckh, Wolfgang	14521	
17	Biotechnologies and Biomimetics for Civil Engineering	Pacheco Torgal, Fernando.   Labrincha, J.A.   Diamanti, M.V.   Yu, C.-P.   Lee, H.K.	14522	57356.00
18	Computational modelling of concrete structures.	Bicanic, N.   Mang, H.   Meschke, G.   de Borst, R.	14523	
19	Computational modelling of concrete structures.	Bicanic, N.   Mang, H.   Meschke, G.   de Borst, R.	14524	16258.00
20	Integrated seismic design of structure and control systems /	Castaldo, P.	14531	
21	Handbook of alkali-activated cements, mortars and concretes /	-	14532	
22	Earthquakes and health monitoring of civil structures /	-	14533	
23	Engineering for earthquake disaster mitigation /	Hamada, M.	14534	43877.00
24	Design of welded steel structures :	Ghosh, U.K.	14535	6758.00
25	Encyclopedia of Earthquake Engineering /	-	14538	
26	Encyclopedia of Earthquake Engineering /	-	14539	
27	Encyclopedia of Earthquake Engineering /	-	14540	
28	Encyclopedia of Earthquake Engineering /	-	14541	97348.00
29	Exciting vegetarian cuisines of the world	Khatau, A.	14542	
30	Tiffin treats for kids	Dalal, T.	14543	
31	The tamil story :	-	14544	
32	Thirukkural :	-	14545	
33	Eyarkkai vunavum eyarkkaiyaith theerum noigalum	Kothandam, K.M.	14546	
34	Chanakya in daily life	Pillai, R.	14547	
35	Chettinadu innaipugal, kaarangal, sinttrundi, tiffin vagaigal	Gayatri, S.	14548	
36	India 2017 :	Publications Division, Ministry of Information and Broadcasting, Government of India	14549	
37	The wonder that was India :	Basham, A. L.	14550	
38	Nalam tharum mooligaigal	Karuppaiah, S.   Muthuramalingam, M.	14551	
39	Kuzhambu matrum kary vagaigal	Punithavalli, S.	14552	
40	A history of fine arts in India and the west	Tomory, E.	14553	
41	The new festival samayal	Varadarajan, V.	14554	
42	Healthy diabetic cooking \	Dalal, T.	14555	
43	International Advanced Deluxe Dictionary \	-	14556	
44	Mysteries of the World \	-	14557	
45	Cookbook of regional cuisines of India	Mehta, N.	14558	
46	Illanthorum iyarkai unavugal	Madhura Sekar, S.	14559, H612	6976.00
47	Bharathidasan kavithaigal	-	14560	
48	Bharathiyar kavithaigal	Subramaniabharathi, C.	14561	153.00

List of books, standards, other resources

	m arulum siddha maruthuva kuripugal	Chinnaiya, A	14562	
		Ravindranath, S.	14563	
	book publishing	Kumar, C.S.	14564	960.00
	Standards (Indian standards)		S3596-3602	3010.00
	Standards (Indian standards)		S3603-3604	620.00
54	Standards (ISO standards)		S3605-3610	56017.00
55	Standards (national building code - print)		S3611-3612	13760.00
56	Hindi books		H598-611	3531.00
<b>APRIL 2017 - MARCH 2018</b>				
1	Intelligent vibration control in civil engineering structures /	Xu, Zhao-Dong,	14565	6867.00
2	Advances in vibration engineering and structural dynamics	Beltran-Carbajal, F.	14569	
3	Advanced high strength natural fibre composites in construction /		14570	
4	Concrete surface engineering /	Bissonnette, Benoit,	14571	
5	Civil engineering materials /	Claisse, Peter A.,	14572	
6	Fundamentals of earthquake engineering :	Elnashai, Amr S.,	14573	
7	Finite-element modelling of structural concrete :	Kotsovos, M. D.	14574	
8	Modeling and estimation of structural damage /	Nichols, Jonathan Michael,	14575	
9	Non-destructive techniques for the evaluation of structures and infrastructure /	Riveiro, Belén,   Solla, Mercedes,	14576	
10	Structural health monitoring technologies and next-generation smart composite structures /	Epaarachchi, Jayantha Ananda, /   Kahandawa, Gayan Chanaka, /	14577	
11	Smart connection systems :	Hu, Jong Wan,	14578	
12	The utilization of slag in civil infrastructure construction /	Wang, G.C.	14579	
13	Wave propagation in materials and structures /	Gopalakrishnan, S.	14580	94500.00
14	Other language books		OL-1 to 5	700.00
15	Standards (ASME/API/Candadian)		S3613-3625	147172.00
16	Standards (National building code)		online pdf link	12128.00
17	EBSCO E-books			218989.00
18	Hindi books		H613-643	8653.00

*Gymoon G.*